



BMW Motorsport. BMW 320 Turbo Group 5.

History

For the 1979 racing season, BMW Motorsport's technicians started to build their own experimental vehicle with a turbocharged 1.4-litre engine. As the turbo engine didn't permit the conventional driver's position to be restrained due to space constraints, a right-hand-drive car was built. Painted in the colours of "Jägermeister", the main sponsor, it was used by Gerhard Schneider's Freiburg GS team in German Sports Racing Championship events. After a few technical problems had been overcome, Markus Höttinger began to achieve increasingly high placings. This engine's potential was an important step toward the development of the legendary BMW Formula One turbocharged engines.

Year

1979

Driver

Markus Höttinger, Hans-Georg Bürger

Technical data

Engine	4-cylinder in-line, turbocharged, 16 valves
Displacement	1422 cc
Bore x Stroke	89 x 57,15 mm
Power output	450 bhp at 9000 rpm
Gearbox	Getrag 5- or 6-speed
Brakes	Racing brakes
Weight	850 kg
Max. speed	290 km/h (180 mph)